

PHASE I BOOK EXPLOITATION

SOV/5626

Chupakhin, Nikolay Mikhaylovich, and Fedor Ivanovich Rudometkin

Montazh i remont kholodil'nykh ustavok (Installation and Repair of Cooling Plants) Moscow, Gostorgizdat, 1961. 340 p. 20,000 copies printed.

Ed.: N. V. Chichkov; Tech. Ed.: D. M. Medrish.

PURPOSE: This book is intended for students in the refrigeration departments at teknikums; it may also be used as a handbook by technical personnel in the refrigeration industry as a means of improving their job skills.

COVERAGE: Problems concerning the installation and repair of ammonia-and freon-cooling plants are discussed. Only fundamental problems connected with the installation and repair of refrigerating equipment are described in detail. The material for the book was gathered from the experience of advanced enterprises and organizations engaged in the installation and repair of cooling equipment. Section I of Part I and Section I of Part II were written by N. M. Chupakhin, Engineer; F. I. Rudometkin, Engineer, wrote Section II of Part I and Section II of Part II. The authors thank K. A. Bondarenkov for his special editing of the book. There are 58 references, all Soviet.

Card 1/9

BONDARENKO, Konstantin Andreyevich; BELOV, Ivan Pavlovich;
CHUPAKHIN, N.M., spets. red.; KREST'YANINOVA, Ye.N., red.;
CHICHKOV, N.V., red.; MAMONTOVA, N.N., tekhn. red.

[Assembly of ammonia refrigerating plants] Montazh ammiachnykh
kholodil'nykh ustavok; prakticheskoe rukovodstvo. Moskva,
Gostorgizdat, 1962. 199 p. (MIRA 15:10)
(Refrigeration and refrigerating machinery)

GOGOLIN, A.A.; CHUPAKHIN, N.M.

Two new books on refrigerating plants. Khol.tekh. 39 no.4:49-52 J1-
Ag '62. (MIRA 17:2)

SYSOYEV, Lazar' Parfenovich; CHUPAKHIN, N.M., retsenzent; KURYLEV,
Ye.S., spets.red.; TSIPERSON, A.L., red.

[Maintenance of the compressors and apparatus of refrigerating plants] Obsluzhivanie kompressorov i apparatov kholodil'-nykh ustanovok. Moskva, Pishchevaiia promyshlennost', 1964.
70 p. (MIRA 17:10)

CHUPAKHIN, Nikolay Mikhaylovich, inzh.; RUDOMETKIN, Fedor Ivanovich,
inzh.; BONDARENKO, K.A., red.; CHICHKOV, N.V., red.

[Installation and repair of refrigerating plants] Montazh i
remont kholodil'nykh ustavok. Moskva, Gostorgizdat, 1961.
340 p. (MIRA 18:6)

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509120013-0

CHUPAKHIN, O.N.; PUSHKAREVA, Z.V.; KRYLOV, Ye.I.

Reactions and derivatives of quinaldine. Vest. AN Kazakh. SSR
19 no.9:85-92 S '63. (MIRA 16:11)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509120013-0"

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509120013-0

KOKOSHKO, Z.Yu.; CHUPAKHIN, O.N.; SMIRNOVA, N.B.; KODOLOV, V.I.; PUSHKAREVA, Z.V.

Quinoline bases of coal tar as a source of raw materials for the production of monomers. Report No.1: Carrying out the reaction of condensation of quinaldine with formaldehyde directly in a narrow fraction of quinoline bases. Plast.massy no.2:51-54 '62.

(MIRA 15:2)

(Quinaldine) (Formaldehyde)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509120013-0"

CHUPAKHIN, O.N.; PUSHKAREVA, Z.V.; DARIYENKO, Ye.P.

Reactions and derivatives of quinaldine. Part. Synthesis and
properties of some bis- α -thioquinaldinamides. Zhur. ob. khim. 33
no.7:2401-2407 J1 '63. (MIRA 16:8)

1. Ural'skiy politekhnicheskiy institut imeni S.M.Kirova.
(Quinaldine)

L 22654-65 EWT(m)/EPF(c)/EWP(j)/T/EWA(b) Pe-4/Pr-4 RPL RM/1

ACCESSION NR: AT5002134

S/0000/64/000/000/0241/0246

AUTHOR: Kokoshko, Z. Yu.; Chupakhin, O. N.; Smirnova, N. B.; Pushkareva, Z. V.

TITLE: Production of monomers and compounds for polycondensation from coal derivatives

SOURCE: AN SSSR. Institut neftekhimicheskogo sinteza. Sintez i svoystva monomerov (The synthesis and properties of monomers). Moscow, Izd-vo Nauka, 1964, 241-246

TOPIC TAGS: coal tar, quinaldine, isoquinoline, quinoline, condensation monomer, ion exchange resin, thermoplastic

ABSTRACT: The reactions of a 246-252 C coal tar fraction and of its main components, i.e./ 30% quinaldine, 30% isoquinoline and 40% quinoline, were studied to show that all the components of the fraction can be used to produce monomers and polymers. Optimum conditions were established for preparing 2-quinolylpropanediol, a condensation monomer, or 2-quinolylethanol, which can be converted to the monomer 2-vinylquinoline, with a maximum yield of 82%. Routes for producing ion exchange resins and thermoplastics from the obtained monomers were studied. New bis-thioamides of quinaldinic acid were synthesized from quinaldine, including derivatives of aromatic hydrocarbons, ethers,

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L 22654-65

ACCESSION NR: AT5002134

sulfones, ketones, pyridines, and amines. The amides can be used for producing polymers with chelate forming metals. Orig. art. has: 1 table, 1 diagram and 19 formulas.

ASSOCIATION: None

SUBMITTED: 30Jul64

ENCL: 00

SUB CODE: OC, MT

NO REF SOV: 002

OTHER: 004

2/2

Card

CHUPAKHIN, O.N.; PUSHKAREVA, Z.V.; KOKOSHKO, Z. Yu.; KITAYEVA, V.G.

Reaction and derivatives of quinaldine. Part 5: Dehydration
of 2-quinolylpropanediol. Zhur. ob. khim. 34 no.11:3783-3785
N '64 (MIRA 18:1)

1. Ural'skiy politekhnicheskly institut imeni S.M. Kirova.

L 52137-65 EWT(m)/EWG(m) RM/RWH
ACCESSION NR: AP5015288

UR/0286/65/000/009/0067/0067

AUTHORS: Kokoshko, Z. Yu.; Chupakhin, O. N.; Makarov, M. K.; Smirnova, N. B.

TITLE: A method for obtaining an anionite. Class 39, No. 170660

SOURCE: Byulleten' izobreteniya i tovarnykh znakov, no. 9, 1965, 67

TOPIC TAGS: anionite, epichlorohydrin, polyethylenepolyamine, isoquinoline

ABSTRACT: This Author Certificate presents a method for obtaining an anionite by the polycondensation of epichlorohydrin with a nitrous heterocyclic compound and furthering of the finished product with polyethylenepolyamines. The assortment of high-capacity anionites, isoquinoline is one such a heterocyclic compound.

ASSOCIATION: none

SUBMITTED: 06Jan64

ENCL: 00

SUB CODE: GC

NO REF Sov: 000

OTHER: 000

Card 1/1 nB

L 10188-66 EWT(1)/EWA(j)/EWT(m)/EWA(b)-2
 ACC NR: AP5028522 RO/RM
 INVENTOR: Kokoshko, Z. Yu.; Chupakhin, O. N.
 ORG: none
 TITLE: Preparation of halogenated methyl alkyl ketones [Class 45, No. 175788]
 SOURCE: Byulleten' izobreteniy i tovarknykh znakov, no. 20, 1965, 112
 TOPIC TAGS: ketone, halogenation, fungicide, halogenated organic compound, sebacic acid, UV irradiation, distillation
 ABSTRACT: Halogenated methyl alkyl ketones of the type $\text{CH}_3-(\text{CH}_2)_4-\text{CH}_n\text{X}_{(2-n)}-\text{CO-CX}_3$ ($\text{X} = \text{Cl}, \text{Br}; n = 0, 1, 2$), which are of interest as fungicides, can be prepared from sebacic acid production wastes. The wastes, containing methyl hexyl ketone and caprylic alcohols, are allowed to react with gaseous chlorine while irradiated with UV light and cooled to 50C. The product is subsequently separated by distillation. [VS]
 SUB CODE: 06/ SUBM DATE: 02Dec64/ ATD PRESS: 4159
 Card 1/1 UDC: 632.952.07

CHUPAKHIN, O.N.; PUSHKAREVA, Z.V.; KOKOSHKO, Z.Yu.; PODGORNAYA, M.I.

Reactions and derivatives of quinaldine. Part 3: Synthesis
and properties of thioquinaldine amides. Zhur. org. khim.
1 no.4:772-777 Ap '65. (MIRA 18:11)

1. Ural'skiy politekhnicheskiy institut imeni Kirova.

CHUPAKHIN, V.

Problems in the science of landforms. Vest. AN Kazakh.
SSR 18 no.1:103-104 Ja '62. (MIRA 15:2)
(Landforms—Congresses)

CHUPAKHIN, V.

Historical aspect of the ancient connection of the Chu River and Issyk-Kul' and the probable higher level of the lake in the historical and geological past. Uch.zap.Geog.fak.Kir.un.no.1:93-97 '55.
(Chu River) (Issyk-Kul') (MLRA 10:2)

CHUPAKHIN, V. (Moskva)

Her calling. Voen. znan. 40 no.8:15-16 Ag '64.

(MIRA 17:11)

BURMISTROV, N.I.; CHUPAKHIN, V.A.; KIGEL', L.S.; LAYKOVSKIY, E.E.

Feedwater desorption and oxygen removal systems. From. energ.
19 no.8:30-31 Ag '64. (MIRA 17:11)

CHUPAKHIN, V.M.

Theoretical and methodological basis of a scheme for the comprehensive physicogeographical regionalization of Kazakhstan.
Izv. Vses. geog. ob-va 96 no.6:459-470 N=0 '64 (MIRA 18:1)

1. CHUPAKHIN, V. M.

2. USSR (600)

4. Fisheries

7. Valuable technical textbook ("Machinery and equipment for processing plants of the fishing industry." G. V. Mikhaylov.) Ryb. khoz. 28, no. 10, 1952.

REVIEWED BY CHUPAKHIN, V. M.

9. Monthly List of Russian Accessions, Library of Congress, January, 1953. Unclassified.

CHUPAKHIN, V. M.

Fish-canning equipment and its utilization. Moscow, Pishchepromizdat, 1974. 409 p.

1. Fishery products - Preservation.

CHUPAKHIN, V.M., inzhener; MAKEYEV, S.N., redaktor; KHLATINA, Ye.S., redaktor;
KISINA, Ye.I., tekhnicheskiy redaktor.

[Manufacturing varnished seamless cans on a modernized press; work
practice of the Farmu and Baltic fish canning plants] Proizvodstvo
lakirovannykh tsel'noshtampovannykh banok na modernizirovannom pres-
se; iz opyta raboty Piernuskogo i Baltiskogo rybokonservnykh zave-
dov. Moskva, Pishchepromizdat, 1956. 33 p.
(Containers) (Sheet-metal work)

(MLRA 9:6)

CHUPAKHIN, V.M.; KUZ'MINA, V.S., redaktor; CHERBYSHREVA, Ye.A., tekhnicheskiy
redaktor

[Manufacturing of tin containers] Proizvodstvo zhestianoi konservnoi
tary. Moskva, Pishchepromizdat, 1956. 363 p. (MIRA 9:11)
(Containers) (Sheet-metal work)

CHUPAKHIN, V. M., Cand Geogr Sci -- (diss) "Experiment in the
Physio-geographic Regioning of the Western Part of Inner Tyan-
Shan." Frunze, 1957. 15 pp. (Kirgiz State Univ, Chair of
Phys Geogr), 110 copies. (KL, 7-58, 109)

- 7 -

CHUPAKHIN, V.M.

Physicogeographical profile of the southern part of Inner
Tien Shan. Trudy Otd.geog.i Tian.fiz.-geog.sta.AN Kir.SSR
no.1:51-58 '58. (MIRA 12:2)
(Tien Shan---Physical geography)

CHUPAKHIN, Vasiliy Mikhaylovich; BORISOGLUBSKIY, Aleksey Gennadiyevich;
DORMENKO, V.V., spetsared.; POLUNINA, Ye.M., red.; FORMALINA,
Ye.A., tekhn.red.

[Operation of fish processing equipment on BMRT type boats]
Ekspluatatsiya ryboobrabatyvaiushchego oborudovaniia na BMRT.
Moskva, Vses.nauchno-issledovatel'skii in-t morskogo rybnogo
khoz. i okeanografii, 1959. 54 p. (MIRA 13:9)
(Fisheries—Equipment and supplies)

CHUPAKHIN, V.M.; LUNIN, Boris Aleksandrovich, dotsent, red.; ZUBOK,
Ya.Z., tekhn.red.

[The inner Tien Shan] Vnutrenniy Tian'-Shan'. Pod red.
B.A.Lunina. Frunze, Kirgizskii gos.univ., 1959. 124 p.
(MIRA 14:4)
(Tien Shan--Physical geography)

CHUPAKHIN, V.M.

Altitude belt is the lowest regional unit for the physico-
geographical regionalization of Tien Shan. Izv.Kir.fil.Geog.
obva SSSR no.1:65-69 '59. (MIRA 13:5)
(Tien Shan--Physical geography)

ZOLOT'KOV, S. I.; CHUPAKHIN, V. M.

Natural conditions of Chatyr-Kul Lake region. Izv. AN Kir. SSR.
Ser. est. i tekhn. Nauk 1 no.2:63-77 '59. (MIRA 13:9)
(Chatyr-Kul region--Geography)

CHUPAKHIN, V.M.; LEVEN, Ya.A., dotsent, red.; PANOV, F.I., tekhn.red.

[Rivers of the Tien Shan and their power resources] Reki
Tian-Shania i ikh energeticheskie resursy. Samarkand, Izd-vo
Samarkandskogo gos.univ., 1960. 39 p. (MIRA 14:4)
(Tien Shan--Water resources development)

CHUPAKHIN, Vasiliy Mikhaylovich; DORMENKO, Vladimir Vladimirovich;
DRYAMOV, S.I., dotsent, retsenzent; NIKITIN, G.A., retsenzent;
KAN, A.V., inzh., spetsared.; KOSSOWA, O.N., red.; SOKOLOVA,
I.A., tekhn.red.

[Equipment of fish processing plants] Tekhnologicheskoe oboru-
dovanie ryboobrabatyvaiushchikh zavodov. Moskva, Pishcheprom-
izdat, 1960. 562 p.
(MIRA 13:11)

1. Glavnnyy konstruktor Giprorybproma (for Nikitin).
(Fish processing plants--Equipment and supplies)

ZOLOT'KO, S.I.; CHUPAKHIN, V.M.

Chatyrkel' mineral springs. Priroda 49 no.11:101-102 N '60.

(MIRA 13:11)

1. Institut geologii AN Kirgizskoy SSR (for Zolot'ko). 2.
AN KazSSR, Alma-Ata (for Chupakhin).
(Tien Shan--Springs)

CHUPAKHIN, V.M., spets. red.; ITSKOVITS, V.A., red.; FORMALINA, Ye.A.,
tekhn. red.

[Fish processing machinery developed in Kamchatka] Ryboobraba-
tyvaiushchie mashiny, razrabotannyye na Kamchatke. Moskva, Ryb-
noe khozaiistvo, 1961. 27 p. (MIRA 14:10)

1. Kamchatka (Province) Soviet narodnogo khozyaystva.
(Kamchatka—Fish processing plants—Equipment and supplies)

CHUPAKHIN, V.M.

Scheme of high altitude zonal structures and their types in the Tien Shan. Trudy Otd. geog. AN Kazakh. SSR no.8:214-234 '61.

(MIRA 14:8)

(Tien Shan--Physical geography)

CHUPAKHIN, V.M.

Valley-arid steppe-type of landform in the Tien Shan. Trudy Otd.
geog. AN Kazakh. SSR no.8:240-247 '61. (MIRA 14:8)
(Tien Shan--Landforms)

LUNIN, B.A.; CHUPAKHIN, V.M.

On the concept of the inner Tien Shan. Izv. Vses. geog. ob-va 93
no.6:500-501 N-D '61. (MIRA 15:1)
(Tien Shan--Physical geography)

CHUPAKHIN, V.M.

Taxonomic units of the physicogeographical regionalization and
landform mapping of the Tien Shan. Trudy TashGU no.186:119-127
'61. (MIRA 14:12)

1. Kirgizskiy gosudarstvennyy universitet.
(Tien Shan--Physical geography)

CHUPAKHIN, V.M.

Tien Shan boundaries. Trudy otd. geog. AN Kazakh. SSR no.9:
198-205 '62. (MIRA 15:6)
(Tien Shan--Physical geography)

CHUPAKHIN, V.M.

Principles of mapping the landform types of the Tien Shan on a
1,000,000 scale. Trudy otd. geog. AN Kazakh. SSR no.9:206-214
'62. (MIRA 15:6)

(Tien Shan--Maps)

CHUPAKHIN, V.M.

[Manufacture of the cans] Proizvodstvo zhestianoi konservnoi
tary. Moskva, Pishchepromizdat, 1962. 363 p. (MIRA 16:2)
(Tin cans)

SHUL'TS, V.L., otv. red.; GAL'PERIN, R.I., red.; SOSEDOV, I.S.,
red.; CHUPAKHIN, V.M., red.; ALEKSANDRIYSKIY, V.V., red.;
OSTROVERKHOV, A.P., red.; ALFEROVA, P.F., tekhn. red.

[Problems of the hydrology of Kazakhstan] Voprosy gidrologii
Kazakhstan. Alma-Ata, Izd-vo AN Kaz.SSR, 1963. 101 p.
(MIRA 17:2)
1. Akademiya nauk Kazakhskoy SSR. Alma-Ata. Otdel geografii.

CHUPAKHIN, V.M.

Methodology and methods for the comprehensive physicogeographical
regionalization of the Tien Shan. Trudy Otd. geog. AN Kazakh. SSR
no.10/3-27 '63.
(MIRA 16:10)

CHUPAKHIN, Viktor Mikhaylovich; GVOZDETSKIY, N.A., doktor geogr.
nauk, prof., oty. red.

[Physical geography of the Tien Shan; natural and geographical
characteristics, main problems of landform mapping, and
comprehensive physicogeographical regionalization] Fiziche-
skaia geografiia Tian'-Shania; prirodno-geograficheskie oso-
bennosti, osnovnye voprosy landshaftnogo kartirovaniia i kom-
pleksnogo fiziko-geograficheskogo rayonirovaniia. Alma-Ata,
Izd-vo AN Kaz.SSR, 1964. 371 p. (MIRA 17:5)

CHUPAKHIN, Vasiliy Mikhaylovich; DENISOV, P.A., inzh., retsenzent;
GUBAYDULLIN, R.I., prepodavatel', retsenzent; LEONOV,
I.T., dots., spets. red.; KUZ'MINA, V.S., red.

[Equipment for fish processing plants] Oborudovanie rybo-
obrabatyvaiushchikh predpriatii. Moskva, Pishchevaia
promyshlennost', 1964. 479 p. (MIRA 18:1)

1. Astrakhanskiy rybopromyshlenny tekhnikum (for Gubaydullin).

CHUPAKHIN, Vasiliy Mikhaylovich; DORMENKO, Vladimir Vladimirovich
[deceased]; DRYAMOV, S.I., dots., retsenzent; TERENT'YEV,
A.V., dots., retsenzent; KUZ'MINA, V.S., red.

[Technological equipment of fish processing plants] Tekhnologicheskoe oborudovanie ryboobrabatyvaiushchikh predpriatii. Izd.2., perer. i dop. Moskva, Fishchevaia promyshlennost', 1964. 566 p. (MIRA 17:9)

CHUPAKHIN, Vasiliy Mikhaylovich; DORMENKO, Vladimir Vladimirovich;
LETKAMOV, S.I., dots., retsenzent; MOLDAVSKIY, G.Ye.,
dots., retsenzent; TERENT'YEV, A.V., kand. tekhn. nauk,
spets. red.; KUZ'MINA, V.S., red.

[Technological equipment of fish processing plant] Tekhnologicheskoe oborudovanie ryboobrabatyvaiushchikh predpriatii. Izd.2., perer. i dop. Moskva, Pishchevaya promyshlennost', 1964. 566 p. (MIRA 18:2)

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CIA-RDP86-00513R000509120013-0

CHUPAKHIN, V.M.

Geographical problems in reclaiming the desert and mountain areas of Kazakhstan. Vest. AN Kazakh. SSR 21 no.5;90-91 My '65. (MIRA 18:7)

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CIA-RDP86-00513R000509120013-0

CHUPAKHIN, V.V., incl.

Inductive effect of electric power transmission lines in partial
phase operation on overhead communication lines. Trudy OMITE
42:107-116 '63. (MIRA 18:10)

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CIA-RDP86-00513R000509120013-0"

SARANKIN, V.A., inzh.; DEKHANOV, N.M., inzh.; BOYTSOV, L.I., inzh.;
ZEL'DIN, V.S., inzh.; CHUPAKHIN, Yu.M., inzh.

Effect of conditions of slag formation on the quality technical
and economic indices of the production of carbon-free
ferrochromium. Stal' 25 no.10:915-916 O '65. (MIRA 18:11)

1. Zaporozhskiy zavod ferrosplavov.

CHUPAKHINA, K.G.

Feeding quality of variherbaceous meadows in the Maritime Territory. Bot. zhur. 48 no.8:1161-1167 Ag '63. (MIRA 16:10)

1. Dal'nevostochnyy gosudarstvennyy universitet.
(Maritime Territory--Pastures and meadows)

SOV/137-58-11-22216

Translation from: Referativnyy zhurnal. Metallurgiya, 1958, Nr 11, p 54 (USSR)

AUTHORS: Chupakhina, R. A., Skorik, N. A., Serebrennikov, V. V.

TITLE: Separation of Rare-earth Elements Into Ion-exchange Resins by Means of the Complex Compounds of Sodium Versenate and the Heavy Metals (Razdeleniye redkozemel'nykh elementov na ionoobmennyykh smolakh s pomoshch'yu kompleksnykh soyedineniy trilona "B" i tyazhelykh metallov)

PERIODICAL: Dokl. 7-y Nauchn. konferentsii, posvyashch. 40-letiyu Velikoy Oktyabr'skoy sots. revolyutsii. Nr 2. Tomsk, Tomskiy un-ta, 1957, pp 169-170

ABSTRACT: A study is made of the possibility of separating La^{3+} , Pr^{3+} , and Nd^{3+} , adsorbed on the ammonia form of the cation exchanger KU-2, by eluting solutions of complex acids of Mg^{2+} , Zn^{2+} , Cd^{2+} , and Hg^{2+} with H₄ Enta. Experiments showed the pH of these complexes to provide no accurate and precise answer, for practical purposes, to the question of the processes whereby cation exchanger KU-2 separates the rare-earth elements. It is established that a solution of an Mg²⁺ acid with H₄ Enta washes out all 3 elements. An 0.5%

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SOV/137-58-11-22216

Separation of Rare-earth Elements Into Ion-exchange Resins (cont.)

solution of Zn complex does not wash out La³⁺ at pH 2.92-4.62, but does wash out Pr and Nd at pH 4.62. A 1% solution of the Zn complex does separate these elements. Solutions of Cd²⁺ and Hg²⁺ complexes with H₄ Entha at 4.0-4.1 pH washes out La in addition to Pr and Nd. A 1% solution of Cd complex separates Pr and Nd, but less effectively than does a Zn complex. A solution of the Hg complex appreciably elutes a mixture of Pr and Nd when the pH of the solution is reduced to 3.1.

L. P.

Card 2/2

SEREBRENNIKOV, V.V.; TYSHINSKAYA, I.I.; CHUPAKHINA, R.A.

Formation of complex compounds by rare earths. Trudy TGU
145:161-162 '57.
(MIRA 12:3)

1. Kafedra neorganicheskoy khimii Tomskogo gosudarstvennogo universiteta imeni V.V. Kuybysheva.
(Rare earth compounds)

CHUPAKHINA, R.A.; SKORIK, N.A.; SEREBRENNIKOV, V.V.

Separation of rare earth elements on ion-exchange resins by means of
complex compounds of Trilon B and heavy metals. Izv.Sib.odt.AN SSSR
no.9:101-106 '60. (MIRA 13:11)

(Rare earths) (Ion exchange)
(Complex compounds)

CHUPAKHINA, R.A.; INDUKAYEV, Yu.V.; SEREBRENNIKOV, V.V.

Lanthanum, praseodymium,~~Eu~~odymium, samarium, and gadolinium argento-cyanides. Zhur.neorg.khim. 6 no.12:2713-2715 D '61.

(MIRA 14:12)

(Rare earth compounds)

S/078/62/007/012/005/022
B144/B180

AUTHORS: Chupakhina, R. A., Serebrennikov, V. V.

TITLE: Complex amino cations of rare-earth elements

PERIODICAL: Zhurnal neorganicheskoy khimii, v. 7, no. 12, 1962, 2699-2701

TEXT: Coordination compounds were synthesized from lanthanide (Ln) nitrates, nicotinic acid (I), and $K_3[Cr(CNS)_6] \cdot 4H_2O$ (II). 0.6 g RE nitrate and 0.5-0.6 g II were dissolved separately in a solution of 1 g I in 70 ml H_2O . The two solutions were mixed and yielded a violet crystalline precipitate. The crystals dissolved in hot water and decomposed in HCl, H_2SO_4 and HNO_3 with a color change to green (Cr^{III}). The compounds were analyzed for their RE oxide, Cr, S and N contents, so that their general formula $[LnNicot_3][Cr(CNS)_6]$ could be derived, where Nicot is I. Their solubility in water was established from the Cr content determined photocolorimetrically at $25 \pm 0.5^\circ C$ as K_2CrO_4 . Following the order of the Ln group it decreased from 4.71 g/l for the La complex to 1.87 for Gd and Card 1/2 ✓

Complex amino cations of...

S/078/62/007/012/005/022
B144/B180

improved again up to 3.80' for the Y compound. The electrical conductivity measured at 25°C increased with time, which means that the complexes have low stability in aqueous solutions. There are 3 tables.

SUBMITTED: March 20, 1962

Card 2/2

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CHUPAKHINA, R.A.; SEREBRENNIKOV, V.V.

Complex amino-cations of rare earth elements. Zhur.neorg.khim.
7 no.12:2699-2701 D '62. (MIRA 16:2)
(Rare earths) (Amino compounds)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509120013-0"

CHUPAKHINA, R.A.; SEREBRENNIKOV, V.V.

Rare earth nicotinates. Zhur.neorg.khim. 8 no.5:1284-1286 My
'63. (MIRA 16:5)
(Rare earth compounds) (Nicotinic acid)

GVOZDETSKIY, N.A., red.; ISACHENKO, A.G., red.; CHUPAKHINA, V.M.,
red.

[Problems of landform study; materials] Voprosy landshaftovedeniia;
materialy. Alma-Ata, AN Kaz.SSR, 1963. 390 p.

(MIRA 17:5)

1. Vsesoyuznoye soveshchaniye po voprosam landshaftovedeniya.
6th, Moscow, 1963.

~~CHUPAKIN, V.M.~~

Structure of the physicogeographical regions in the inner Tien
Shan. Nauch.dokl.vys.shkoly; geol.-nauki no.4:47-52 '58.
(MIRA 12:6)

1. Kirgizskiy universitet, geograficheskiy fakul'tet, kafedra
fizicheskoy geografii.
(Tien Shan--Physical geography)

DOMANOV, V. (Moskva); POKROVSKIY, F. (Moskva); KOZHUKHAREV, I. (Minsk)
KARMAZOV, A. (Chelyabinsk); POZDNYAKOV, V. (Leningrad);
YEMEL'YANOV, A. (Krasnodar); PUGOVKIN, Ye. (Astrakhan');
CHUPAKOV, A.

Suggestions of the readers. Radio no.8:55 Ag '60. (MIRA 13:9)
(Radio)

S/180/62/000/003/007/016
E111/E152

AUTHORS: Sokolkov, Ye.N., Lozinskiy, M.G., and Chupakova, N.P.
(Moscow)

TITLE: Some peculiarities in the mechanism of plastic deformation of austenitic steels and alloys in high-temperature thermo-mechanical treatment

PERIODICAL: Akademiya nauk SSSR. Izvestiya. Otdeleniye tekhnicheskikh nauk. Metallurgiya i toplivo, no.3, 1962, 71-77

TEXT: High-temperature thermo-mechanical treatment entails plastic deformation, carried out at temperatures above the recrystallization temperature. In the present work some specific features of the mechanism of this process are studied in the chromium-nickel-manganese steel and a Nimonic-type alloy. The treatment was carried out at 1000-1100 °C with rolling at speeds of 3-6 m/min to give 25-30% reductions; nucleation and growth of new grains being arrested by cooling in water. Resulting microstructures were compared with those produced by ordinary

Card 1/2

Some peculiarities in the ...

S/180/62/000/003/007/016
E111/E152

heat treatment. The authors conclude that in the course of the treatment studied a slip occurs accompanied by rectification of the crystal lattice in the zones of slip and in the adjacent regions. In addition, a diffusion displacement of parts of grain-boundaries also occurs. These segments, formed as a result of the emergence of slip planes onto grain boundaries, undergo diffusion displacement similar to grain-boundary migration in a stress field. Slip and displacement of grain boundary segments cause serrated distortion of grain boundaries specific to the treatment, the coarseness of the serrations increasing with intensification of the diffusion displacement. As a result of the diffusion redistribution of the crystal lattice defects produced in plastic deformation, substructure sometimes appears; its preferential appearance at the grain boundaries indicates that plastic deformation is most intense there.

There are 6 figures.

SUBMITTED: December 6, 1961

Card 2/2

CHUPAROV, N., inzh.

Cybernetics. Nauka i tekhnika 16 no. 2:6-9 F '64.

CHUPAROVA, E.

National Library aiding technical progress. Elektroenergiia 16
no.1:29 Ja '65.

CHUPAROVA, Elena

Some sources of patent information. Ratsionalizatsiya i^z no.12:35-36
'63.

1. Narodna biblioteka "Kiril i Metodii".

CHUPAROVA, El.

Do not invent what is already invented. Nauka i tekhnika mladezh
16 no.9:8-10 S '64.

CHUPASHEV, I.L., inzh.

D-546 bitumen conveyer. Stroi. i dor. mash. 6 no.2:14-15 F '61.
(MIRA 14:5)
(Motor trucks)

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509120013-0

CHUPASHEV, I.L., inzh.

D-536 road oiler. Stroi.i dor.mash. 7 no.2:16 F 162.
(MIRA 15:5)
(Road machinery)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509120013-0"

CHUPAYAN, A.

N/5
884
-751
1954

Nekotoryye Osobennosti Tsentricheskikhzdaniy (Some Characteristics of Axisymmetric Buildings, by) A. Chupayan and Sh. Dzhabua. 1 Zd. 2-E. Tbilisi, Akademiya Nauk Gruzinskoy SSR, 1954.
58 P. Illus., Diagrs.,

PETROVSKIY, N.A.; CHUPAYEVA, N.D., inzh.; SASAROV, A.I.

Determination of the operation of a PPR-3 type relay in the double wire circuit of a switch. Avtom., telem. i sviaz 3
no.9:31-32 S '59. (MIRA 13:2)

1. Starshiy inzhener laboratorii signalizatsii i svyazi
Oktyabr'skoy dorogi (for Petrovskiy). 2. Nachal'nik laboratorii
Leningradskogo elektrotehnicheskogo zavoda Ministerstva
putey soobshcheniya (for Sasarov).
(Railroads--Switches) (Electric relays)

CHUPAEV, A.I.

[Bogoslovsk Machine-Tractor Station] Bogoslovskaja MTS. Moskva,
Gos. izd-vo selkhoz lit-ry, 1953. 118 p. (MLRA 7:3)
(Machine-tractor stations)

AFANAS'YEV, Vasiliy Grigor'yevich; FILATOV, Leonid Sergeyevich;
CHUPEYEV, A.I., spets.red.; PESTRYAKOV, A.I., red.;
SOKOLOVA, N.N., tekhn. red.; DUDAKOV, V.A., tekhn. red.

[Innovators and efficiency promoters in agriculture] Izo-
bretateli i ratsionalizatory sel'skomu khoziaistvu. Mo-
skva, Sel'khozizdat, 1963. 333 p. (MIRA 16:12)
(Agricultural machinery--Technological innovations)

MER, Iosif Il'ich; CHUPEYEV, A.I., red.; GUSAKOVA, T.P., red.

[Machines used in land improvement] Meliorativnye ma-
shiny. Moskva, Kolos, 1964. 366 p. (MIRA 18:2)

[REDACTED] NIKOLAEV, Nikolay Ivanovich; CHUPEYEV, A.I., red.

[Overall mechanization of sugar beet growing] Kompleksnaia
mekhanizatsiia vozdelyvaniia sakharnoi svekly. Moskva, Izd-
vo "Kolos," 1964. 382 p. (MIRA 17:6)

CHUPEYEV, M.A.; TRAPEZNIKOV, A.A.

Apparatus for testing the strength of paste-like paint materials
and its use in evaluating the dispersing process. Lakokras.mat.i
ikh prim. no.1:67-71 '62. (MIRA 15:4)

1. Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy institut
lakokrasochnoy promyshlennosti i Institut fizicheskoy khimii AN
SSSR.

(Paint materials)

S/020/62/147/002/020/021
B101/B186

AUTHORS: Trapeznikov, A. A., Chupeyev, M. A.

TITLE: Pentaphthalic resins as surface-active peptizers of carbon black

PERIODICAL: Akademiya nauk SSSR. Doklady, v. 147, no. 2, 1962, 422-425

TEXT: To determine a convenient ratio between pigment and vehicle in the milling process and to increase the output of carbon black roller mills, the effect of some film-forming substances on the milling of carbon black in nonpolar media (white vaseline oil, white spirit) was investigated, and the structural strength P_t of the paste as well as its dispersity were determined. ПФЛ-3 (PFL-3), pentaphthalic resin dissolved in white spirit (dry varnish residue 52.8%), and ПФЛ-03 (PFL-03), soluble in vaseline oil, were used as film formers. The ratio carbon black : liquid phase was kept constant. Results: (1) P_t increased with increasing PFL-3 concentration, passed a maximum ($\sim 20 \text{ g/cm}^2$) at 20-22% varnish content, then dropped strongly at 30-40% varnish content. PFL-03 behaved similarly. (2) With increasing time of milling (3-25 min), $P_{t\max}$ decreased and shifted toward higher varnish

Card 1/3

Pentaphthalic resins as...

S/020/62/147/002/020/021
B101/B186

contents. (3) Maximum dispersity occurred under the same conditions as $P_{\epsilon \max}$. (4) The varnish concentration of $P_{\epsilon \max}$ is a linear function of the liquid-phase content in the paste. (5) More "fatty" (long-oil) resins and thickened linseed oil have smaller consolidating and peptizing effects than pentaphthalic resins since they contain fewer polar groups, but they do not cause flocculation. Conclusions: The resin is adsorbed to carbon black; at low varnish content, however, part of the carbon black surface is not blocked and can form network structures. At high varnish content, the carbon black particles are fully blocked, and P_{ϵ} drops. At 150-300% varnish content the pentaphthalic resin reacts with resin adsorbed to carbon black, thus initiating flocculation. The usual formulas for carbon black pastes prescribe too high a content of film formers (250-450% by weight of carbon black). The output of roller mills can be increased by reducing the varnish admixture and increasing the carbon black content in the paste to be milled. There are 4 figures and 1 table.

ASSOCIATION: Institut fizicheskoy khimii Akademii nauk SSSR (Institute of Physical Chemistry of the Academy of Sciences USSR);
Gosudarstvennyy proyektnyy i issledovatel'skiy institut (State Design and Planning and Research Institute)
Card 2/3

Pentaphthalic resins as...

S/020/62/147/002/020/021
B101/B186

PRESENTED: July 6, 1962, by S. M. Vol'fkovich, Academician
SUBMITTED: July 3, 1962

Card 3/3

TRAPEZNIKOV, A.A.; CHUPEYEV, M.A.; Prinimala uchastiye: IVLEVA, L.D.

Effect of surface-active agents on the characteristics of paint
systems. Lakokras.mat.i ikh prim. no.5:17-24 '62. (MIRA 16:1)

1. Institut fizicheskoy khimii AN SSSR i Gosudarstvennyy nauchno-
issledovatel'skiy i proyektnyy institut lakokrasochnoy
promyshlennosti.

(Paint) (Surface-active agents)

CHUPEYEV, M.A.; TRAPEZNIKOV, A.A.

Effect of film-forming materials as surface-active agents
on the process of pigment milling. Lakokras, mat. i ikh prim.
no.1:30-33 '63. (MIRA 16:2)

1. Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy
institut lakokrasochnoy promyshlennosti i Institut fizicheskoy
khimii AN SSSR.

(Pigments)
(Surface-active agents)

CHUPEYEV, M.A.; YAKUBOVICH, S.V.; TSYURUPA, N.N.

Centrifugal method for the dispersion analysis of pigments and
paint systems. Lakokras. mat. i ikh prim. no. 4:47-50 '63.

(MIRA 16:10)

1. Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy institut
lakokrasochnoy promyshlennosti i Moskovskiy Ordena Lenina Khimiko-
tekhnologicheskiy institut im. D.I. Mendeleyeva.

MIKHAYLOV, V.A.; CHIZHOV, V.V.; ANISIMOV, V.A.; YERMILOV, P.I.; CHUPEYEV, M.A.

Intensification of the grinding of pigments in binders.
Lakokras . mat. i ikh prim. no.5:64-65 '63. (MIRA 16:11)

CHUPEYEV, M.A.; MUKHANOVA, V.S.; MARKOVSKAYA, M.N.; BOLONINA, S.S.; IVLEVA,
L.D.

Use of surface-active agents in the grinding of carbon black in al-
kyd binding substances. Lakekras. mat. i ikh prim. no.3:77-78 '63.
(MIRA 16:9)

(Paint) (Carbon black) (Surface-active agents)

TRAPEZNIKOV, A.A.; CHUPEYEV, M.A.

Combined effect of polymeric (pentaphthalic resin) and low molecular surface-active agents on the properties of carbon black pastes in the process of dispersion. Koll. zhur. 27 no.6:891-898 N-D '65. (MIRA 18;12)

1. Institut fizicheskoy khimii AN SSSR, Moskva. Submitted July 31, 1964.

book 25 RDP(k)/EW(k)/EMT(d)/EMT(m)/EWP(h)/EMP(b)/EWA(d)/EMP(1)/EMP(2)

14
Ponomarev, Yu. F. (Candidate of technical sciences); Semenov, I. A. (Candidate of technical sciences); Chupeyev, N. I. (Candidate of technical sciences)

use of universal presses for cold forming

443574
Moscow. Eksperimental'nyy nauchno-issledovatel'skiy institut kuznechno-mashinostroyeniya. (Nauchnyye trudy), no. 11, 1961. Novyye kuznechnopressovyye mashiny (New forging machines), 50-62

TOPIC TAGS: cold forming, universal press, metal stamping, cold forging/ KA262
universal press, K203 mechanical press, K862 mechanical press, K857 mechanical press, K844B mechanical press, K846B mechanical press

INTRODUCTION. The factors which must be considered in applying universal presses (i.e., crank and crank shaft) for cold stamping are discussed. The maximum working pressure is normally limited by strength of drive components, particularly the drive, and the range of press or strength of stamping die. Working equations are given for calculating the required work A_p and the work produced by the drive - electric motor, A_d , where $A_d \geq A_p$ for satisfactory operation. Equations are also given for evaluating the number of cycles per unit time with a given drive (for automatic and

Card 1/5

L 60974-65

APPLICATION NR: AT5017685

3

stroke, stroking) and the maximum dimensions of stampings (see Fig. 1 on the
enclosure) as a function of specific forming pressure (p_{sp}) and stamping
rate (v_s).

Stamping capacity of KA262 is limited by drive

are tabulated for the above presses. The shape of stampings is shown in Fig. 1 on
the enclosure. The curves indicate that: the capacity of KA262 is limited by drive
actions; K263 is limited by gear strength at nominal F and by part removal
at loads of 4000 and 2070 kN; K861 gear strength at 100% and removal
at 100% load; K862 gear strength at 100% and removal
at 100% load; K863 gear strength at 100% and removal
at 100% load.

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509120013-0

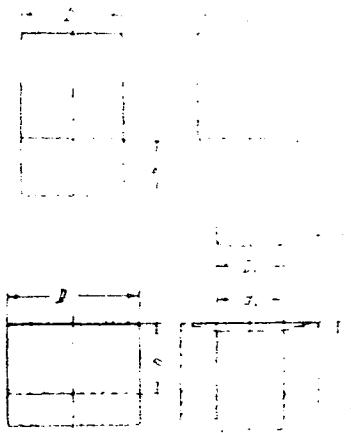


Fig. 1. Blank and stamping geometries

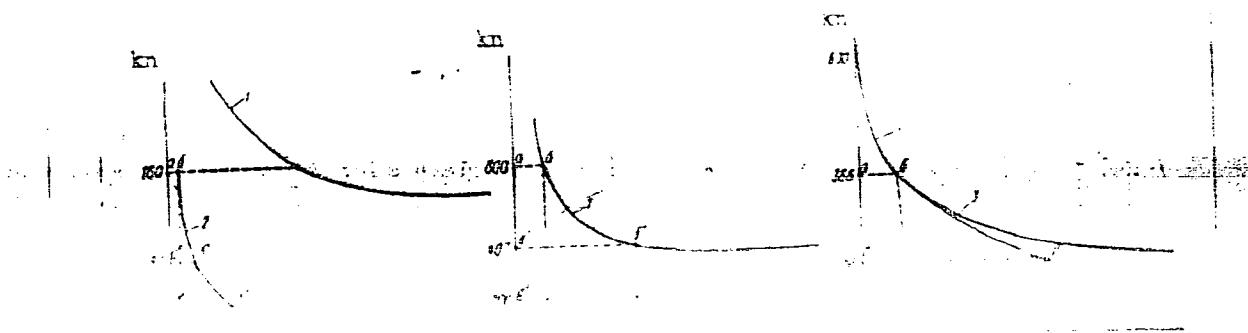
Card 5.5

APPROVED FOR RELEASE: 06/12/2000

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APPROVED FOR RELEASE: 06/12/2000

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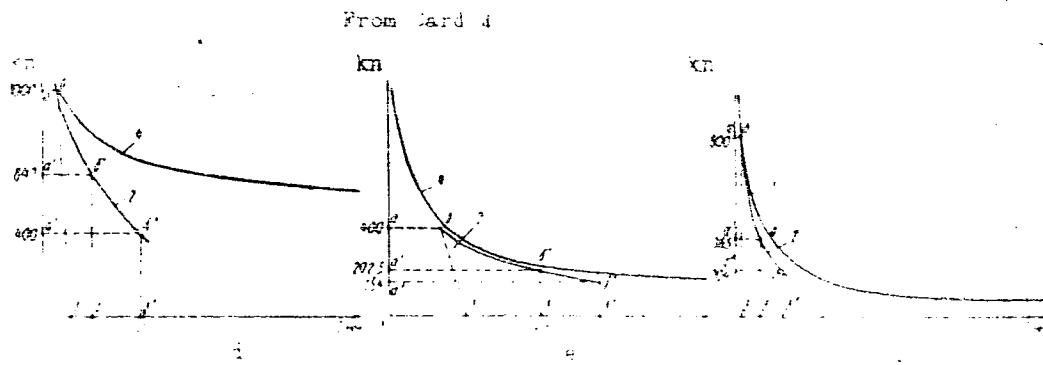


Fig. 2. Characteristic load-stroke capabilities of mechanical presses:
Legend: 1 - presses K262, K263, K264, K265, K266 respectively;
2 - initial strength; 3 - drive energy capacity at 10% of initial
strength; 4 - crankshaft strength.

Card 5/5

GONOBOLEV, Fedor Ivanovich; DASHEVSKIY, Vladimir Isayevich;
CHUPEYEVA, L.N., red.

[Fundamentals of safety and fire prevention engineering;
Program, methodological instructions and test problems
for students of the higher education correspondence schools
of the food industry] Osnovy tekhniki bezopasnosti i proti-
vopozharnoi tekhniki; Programma, metodicheskie ukazaniia i
kontrol'nye zadaniia dlja studentov zaochnykh vysshikh ucheb-
nykh zavedenii pishchevykh spetsial'nostei. Moskva, Vys-
shaia shkola, 1964. 61 p.
(MIRA 17:9)

IVANOV, V.I.; DEREVENCHUK, L.N.; CHUPEYEVA, V.V.

Interaction between chlorine water and carbohydrates. Izv. AN SSSR
Otd.khim.nauk no.1:181-182 Ja '62. (MIRA 15:1)

1. Institut organicheskoy khimii AN SSSR.
(Carbohydrates) (Chlroine)

CHUPIK, I. P.

47-58-2-30/30

AUTHORS: Los', G.A.; Khotyachuk, F.M.; Chupik, I.P.; Akopyan, A.

TITLE: Chronicle of School Work (Khronika raboty shkol)

PERIODICAL: Fizika v Shkole, 1958, Nr 2, p 96 (USSR)

ABSTRACT: 1) Pupils of the High School in Shurovchiki, Izyaslav region, Khmel'nitskiy Oblast', always co-operated with kolkhozes. They helped them in gathering crops, and the kolkhozes helped them in buying a power plant of 12 kw.
2) Pupils of 9th and 10th classes of the High School in Stavropol-Kavkazskiy organized a reunion consecrated to new achievements in the fields of science and engineering.
3) During the past years the High School in Balludzhin, in the Azerbaydzhan SSR, bought more than 10,000 rubles worth of instruments and also received a wind operated electric power plant.

AVAILABLE: Library of Congress

Card 1/1 1. Group dynamics-USSR 2. Education-USSR

USCOMM-DC-54749

AUTHOR: Chupik, I.P. SOV-47-58-5-27/28

TITLE: An Evening Devoted to the Electrification of the USSR (Vecher, posvyashchenyy elektrifikatsii SSSR)

PERIODICAL: Fizika v shkole, 1958, Nr 5, p 96 (USSR)

ABSTRACT: It has become a tradition with the 3rd Secondary School, Stavropol', to arrange evenings in physics yearly. The theme of the last year's evening was "The Accomplishment of Lenin's Great Ideas".

ASSOCIATION: 3-ya srednyaya shkola, g. Stavropol' (3rd Secondary School, Stavropol')

1. Physics--Study and teaching

Card 1/1

GAVRILYUK, V.V., kand.tekhn.nauk; CHUPIK, V.P., inzh.

Shielding of cable circuits. Izv.vys.ucheb.zav.; energ. 3
no.4:11-19 Ap '60. (MIRA 13:6)

1. Nauchno-issledovatel'skiy institut kabel'noy promyshlennosti
(for Gavrilyuk). 2. Zavod "Azovkabel'" (for Chupik).
(Shielding(Electricity))

CHUPIKOV, P.F., general-leytenant aviatsii, Geroy Sovetskogo Soyuza

Improve the procedures of preflight preparations. Vest.
Vozd.Fl. no.6:29-34 Je '60. (MIRA 13:7)
(Flight training)

Chupilin, I.I.

VOZNESENISKIY, D.V.; AMELANDOV, A.S.; GEYSLER, A.N.; GOLUBYATHIKOV, V.D.; [deceased]; DOMAREV, V.S.; DOMINIKOVSKIY, V.N.; DOVZHIKOV, A.Ye.; ZAYTSEV, I.K.; IVANOV, A.A.; ITSIKSON, M.I.; IZOKH, E.P., KNYAZEV, I.I.; KORZHENEVSKAYA, A.S.; MISHAREV, D.T.; SEMENOV, A.I.; MORO-ZENKO, N.K.; NEFEDOV, Ye.I.; RADCHENKO, G.P.; SERGIYEVSKIY, V.M.; SOLOV'YEV, A.T.; TALDYKIN, S.I.; UNKSOV, V.A.; KHABAKOV, A.V.; TSERKHOMSKIY, A.M.; CHUPILIN, I.I.; SHATALOV, Ye.T., glavnnyy redaktor; KRASNIKOV, V.I., redaktor; MIRLIN, G.A., redaktor; RUSANOV, B.S., redaktor; POTAPOV, V.S., redaktor izdatel'stva; GUROVA, O.A., tekhnicheskiy redaktor.

[Instructions for organization and execution of geological surveys in scales of 1:50,000 and 1:25,000] Instruktsiia po organizatsii i proizvodstvu geologo-s"emochnykh rabot masshtabov 1:50,000 i 1:25,000. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po geol. i okhrane nedr. 1956. 373 p. (MLRA 10:6)

I. Russia (1923- U.S.S.R.) Ministerstvo geologii i okhrany nedr.
(Geological surveys)

CHUPILIN, V. I.

V 600 Aquilae. Astronotsir no.220:15 Ap '61. (LRL 14:10)

1. Odesskaya astronomicheskaya observatoriya.
(Stars, Variable)

CHUPILKO, V.A.

V 600 Aquilae. Per.zvezdy 13 no.6:438-440 '61. (MIRA 16:9)

1. Odesskaya astronomicheskaya observatoriya.
(Stars, Variable)